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CENTRAL FAX CENTER****NUMBER OF PAGES INCLUDING COVER SHEET: 18****IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE TELEPHONE US AT: MAR 26 2004****661-295-5600 X2404, OR FAX US AT 661-257-4953.****OFFICIAL****TO:****Commissioner for Patents
Attn: Charles W. Stewart Jr.
P.O. Box 1450
Alexandria, VA 22313-1450****FROM:****Ralph D'Alessandro
Reg. No. 28,838
Attorney for Applicants****PHONE:****703-305-7919****PHONE:****661-295-5600 x2404****FAX:****703-872-9306****FAX:****661-257-4953****Documents Transmitted:****Amendment, 14 pages; Amendment Transmittal
Letter, 1 page; Verified Statement Claiming Small
Entity, 2 pages.****Applicant(s):****Varnon et al.****Appl. No.:****09/970,956****Filed:****October 3, 2001****Group Art Unit:****2853****Examiner:****Charles W. Stewart Jr.****3D Systems Docket No.:****USA.229**

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below.**

Carolyn Cerrato**Date: March 26, 2004**

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CONFIDENTIAL

AMENDMENT TRANSMITTAL LETTER (Small Entity)			Docket No. USA.229								
Applicant(s):											
Serial No. 09/970,956	Filing Date October 3, 2001	Examiner Charles W. Stewart Jr.	Group Art Unit 2853								
Invention: QUANTIZED FEED SYSTEM FOR SOLID FREEFORM FABRICATION											
<u>TO THE COMMISSIONER FOR PATENTS:</u>											
Transmitted herewith is an amendment in the above-identified application.											
<input type="checkbox"/> Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted. <input checked="" type="checkbox"/> A verified statement to establish Small Entity status under 37 CFR 1.27 is enclosed.											
The fee has been calculated and is transmitted as shown below.											
CLAIMS AS AMENDED											
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE						
TOTAL CLAIMS	54 -	66 =	0 x	\$9.00	\$0.00						
INDEP. CLAIMS	3 -	8 =	0 x	\$43.00	\$0.00						
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00						
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00						
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 20-0900 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.											
 _____ Signature			Dated: March 26, 2004								
Ralph D'Alessandro Reg. No. 28,838			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</td> </tr> <tr> <td colspan="2" style="text-align: center;">Signature of Person Mailing Correspondence</td> </tr> <tr> <td colspan="2" style="text-align: center;">Typed or Printed Name of Person Mailing Correspondence</td> </tr> </table>			I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.		Signature of Person Mailing Correspondence		Typed or Printed Name of Person Mailing Correspondence	
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MAR 26 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**OFFICIAL**

Applicant(s) : David Montgomery Varnon, Jon Jody
Fong, Raymond J. Bishop

Appl. No. : 09/970,956

Filed : October 10, 2001

Title : QUANTIZED FEED SYSTEM FOR
SOLID FREEFORM FABRICATION

Grp./A.U. : 2853

Examiner : Charles W. Stewart Jr.

Docket No. : USA.229

Customer No. : 022514

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450, on

March 24, 2004.

Date of Deposit

Carolyn Cerrato

Name

Signature

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

This Amendment is submitted in reply to the Office Action given in the above-identified application for Letters Patent on March 18, 2004.

Amendments to the claims begin on page 2 of this paper.

Amendments to the specification begin on page 12 of this paper.

Remarks begin on page 14 of this paper.